

**A PRACTICAL APPROACH-DOSSGAE AND APPLICATION METHODLIGY
ALUMINIUM PHOSPHIDE:**

		181MT			162MT			150MT			170MT			174MT	
Stack size		54			49			45			51			52	
	54	326 tablets on top	54	49	292 tablets on top	49	45	270 tablets on top	45	51	306 tablets on top	51	52	313 tablets on top	52
		54			49			45			51			52	
CALCULATION OF ALP DOSE															
Dose(kg)@9Gm/MT		1.629			1.458			1.350			1.530			1.566	
Tablets		543			486			450			510			522	
No. bottles		1Bottle +210 Tablets			1Bottle +153 Tablets			1Bottle +117 Tablets			1 Bottle+177 Tablets			1 Bottle + 189 tablets	
APPLICATION OF ALP TABLETS															
Upper layer(Tablets)		326			292			270			306			313	
Per side of stack(Tablets)		54			49			45			51			52	
ALP REQUIRED(KG)															
ALP required for 6 stacks		9.774			8.748			8.100			9.180			9.396	
ALP required for 9 stacks		14.661			13.122			12.150			13.770			14.094	
ALP required for 12 stacks		19.548			17.496			16.200			18.360			18.792	
ALP required for 18 stacks		29.322			26.244			24.300			27.540			28.188	
Dose/LacMT 900Kg															

DELTAMETHRIN 2.5WP-10KG PACKET**STACK SIZE****150 MT** **162MT** **170MT** **174MT** **181MT****Length wise** **900** **1020** **1020** **1050** **1080****Breadthwise** **600** **640** **680** **700** **720****Top Layer** **600** **600** **600** **600** **600****Total Area(Sq Ft)** **2100** **2260** **2300** **2350** **2400****Total Area(Sq mt)** **200** **215** **219** **223** **228****Litre of Water required @3Lt per 100Sq mt** **6.00** **6.45** **6.56** **6.70** **6.84****Dose per litre of water(Gms)** **40** **40** **40** **40** **40****Quantity of Delta powder required(Gm)** **240** **258** **262** **268** **274****FOR A GODOWN OF 6 STACKS****Water(Ltr)** **36** **39** **39** **40** **41****Delta powder(Gms)** **1441** **1548** **1574** **1608** **1641****FOR A GODOWN OF 9 STACKS****Water(Ltr)** **54** **58** **59** **60** **62****Delta powder(Gms)** **2161** **2322** **2362** **2412** **2462****FOR A GODOWN OF 12 STACKS****Water(Ltr)** **72** **77** **79** **80** **82****Delta powder(Gms)** **2881** **3095** **3149** **3216** **3283****FOR A GODOWN OF 18 STACKS****Water(Ltr)** **108** **116** **118** **121** **123****Delta powder(Gms)** **4322** **4643** **4723** **4824** **4924****Dose/LacMT** **160 Kg (Every 3 Month)**

DOSAGE OF MALATHION 50%EC -5 Ltr TIN

	STACK SIZE								
	150 MT		162MT		170MT		174MT		181MT
Length wise	900		960		1020		1050		1080
Breadthwise	600		640		680		700		720
Top Layer	600		600		600		600		600
Total Area(Sq Ft)	2100		2200		2300		2350		2400
Total Area(Sq mt)	200		209		219		223		228
Litre of Water required @3Lt per 100Sq mt	6.00		6.28		6.56		6.70		6.84
Dose per litre of water(ML)	60		63		66		67		68
	FOR A GODOWN OF 6 STACKS								
Water(Ltr)	36		38		39		40		41
Malathion(ML)	360		377		394		402		410
	FOR A GODOWN OF 9 STACKS								
Water(Ltr)	54		57		59		60		62
Malathion(ML)	540		565		590		603		615
	FOR A GODOWN OF 12 STACKS								
Water(Ltr)	72		75		79		80		82
Malathion(ML)	720		754		787		804		821
	FOR A GODOWN OF 18 STACKS								
Water(Ltr)	108		113		118		121		123
Malathion(ML)	1080		1131		1181		1206		1231

Dose/LacMT 130 Lts (40Lts for spray on stacks and 25 Litres for space treatment fortnightly)

**QUANTITY OF WATER AND MALATHION REQUIRED FOR SPRAYING WALLS-
ALLEWAYS-AIR CHARGING**

Godown Capacity (Mt)	1800	2250	2700
No.of Stacks	12	15	18
Length	136	170	204
Breadth	70	70	70
Height	18	18	18
Width of Platform	5	5	5
Area of Alleyways	2320	2900	3480
Area of Inner Wall (Sq feet)	7416	8640	9864
Area of Outer Wall	4896	6120	7344
Area of Platform	1360	1700	2040
Total Area to be Sprayed	15992	19360	22728
Area in Sq Mt	1486	1799	2111
Water Required (Lt)	45	54	63
Malathion Required (ml)	446	540	633

Ratio of mixture 1 ltr of Malathion in 100 ltrs

Remarks: Malathion/Solution required for spraying per Vacant stack space in addition to above @ 0.08 cc Malathion and Water 800 ml

For space treatment	Dose / Lac MT= 50Lts(25lts fortnightly
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